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Mar. 30, 2008

Commissioner of Patents and Trademarks
Attn. Binh K. Tieu
Primary Examiner
Technology Division 2614
Washington, D.C. 20231
U.S.A.

Fax to: 571 273 8300

Dear Binh K. Tieu, or other examiner(s):

This communication is to respond to your office action mailed on Jan. 8, 2008 regarding 10/609,364 (Method and system for determining a location of a wireless transmitting device and guiding the search for the same). Please find the revised claims enclosed herein for your examination, with following notes:

1. Upon your request in paragraph 1 for an affirmation of my election made, I reconfirm that my election was to examine claims 1 through 47. The claim 48 has been removed from the revised claims as enclosed in this communication.
2. Thank you for allowing claims 15 through 36, and they stay as they were in the enclosed claims.
3. The claim 5 that you determined conditionally allowable in paragraph 4 of the "Detailed Action" has been rewritten in an independent form as the new claim 1 in the enclosed claims, which included the key steps in the ex-claim 5, while some detailed features of the ex-claim 5 was left in a dependent claim (the revised claim 5) that is dependent upon the new claim 1. Please examine them.
4. The rejected dependent claims (claims 2, 3 and 4) now are dependent on the new claim 1, which is the independent form of the conditionally allowable ex-claim 5

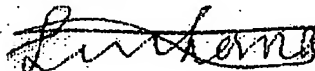
that you had determined, I feel the dependent claims 2, 3 and 4 can be reexamined given that the new claim 1 might be allowable.

5. The conditionally allowable claims 6-10 that you had determined stay as they were, which are now dependent on the rewritten independent form of ex-claim 5 (i.e., the new claim 1, through the new claim 5).
6. The conditionally allowable claim 11 that you had determined is now rewritten in an independent form. Please consider allowing it.
7. The conditionally allowable claim 12 that you had determined is now rewritten in an independent form. Please consider allowing it.
8. Rejected claim 13 is removed in the revised claims.
9. The rejected claim 14 that was dependent on the rejected ex-claim 1 is now revised to be dependent on the new independent form of claim 12 which you indicated might be conditionally allowable. I feel the dependent claim 14 can be reexamined with the independent form of claim 12.
10. Regarding rejected claims 37 and 41, I found the reference documents do not teach a movable detection station that is workable with a reference wireless transmitting device or a handheld guiding device that may be used by a rescuer, further more, the "MBS 148" in the reference document US-2004/0266457 does not teach performing the features in the conditionally allowable ex-claims 5-12 and allowed claims 15-36, such as, refining the position estimation based on quality of data, working with a guiding device and refining the guidance to the rescuer for searching the target by taking advantage of the reference wireless transmitting device using relative measurements, and by providing relative positioning information to the rescuer, etc.. Therefore, the ex-claims 37 and 41 were revised into the new claim 37 to include these features, for your examination. Ex-Claim 41 is removed from the revised claims.
11. Dependent on the revised claim 37, please reexamine the dependent claims 38-40, and claim 44.
12. The conditionally allowable ex-claim 42 as you indicated is rewritten in an independent form. Please consider allowing it.

13. The conditionally allowable ex-claim 43 as you indicated is rewritten in an independent form. Please consider allowing it.
14. Regarding Claim 45, reading throughout the reference document US-2004/0266457, it is found that it does not teach a functional element that is equivalent to the "guiding and reference device" in my application. The referenced "MBS 148" is in some way similar to the movable detection station 30 in my application, the referenced "MS 140" is equivalent to the "target wireless transmitting device 10" in my application, and no elements in the reference document US-2004/0266457 was found similar to the "guiding and reference device 100", and no elements in the referenced document performs the functionalities claimed in the allowed method claims 15-36, such as equipped to a rescuer as handheld guiding device, a reference transmitter that transmits wireless signals using radio properties similar to that of the target wireless transmitting device, being position determined together with the target wireless transmitting device, and displaying its location relative to that of the targeting wireless transmitting device while approaching the target wireless transmitting device, etc. Thus, the claim 45 has been revised to specify these features. Please examine the revised claim 45.
15. Please also further examine the dependent claims (i.e., the claims 46-47) that are dependent upon the revised claim 45.

Regards,

Sincerely,



Hang Liu